

# Glove and Mitten Manufacturing: 2002

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## 2002 Economic Census

*Manufacturing*

Industry Series



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U.S. Department of Commerce  
Economics and Statistics Administration  
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-- Not applicable for this report.

**Table 1. Historical Statistics for the Industry: 2002 and Earlier Years**

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and year <sup>1</sup>	Com- panies <sup>2</sup>	All estab- lish- ments <sup>3</sup>	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expendi- tures (\$1,000)
			Number <sup>4</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
315992, Glove and mitten manufacturing .. 2002..	74	95	3 044	67 046	2 353	4 278	41 797	86 256	196 850	290 512	'2 201
2001..	N	N	4 688	95 946	3 769	7 534	63 369	172 280	257 537	433 414	3 974
2000..	N	N	5 068	101 097	4 148	8 425	70 165	171 481	263 225	431 497	3 440
1999..	N	N	5 396	101 879	4 419	9 173	70 627	198 446	273 326	469 963	5 464
1998..	N	N	6 223	116 348	5 223	10 873	78 307	408 754	321 735	725 993	7 978
1997..	98	131	6 412	119 679	5 308	9 837	79 297	337 930	335 609	672 639	7 684

<sup>1</sup>Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

<sup>2</sup>For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

<sup>3</sup>Includes establishments with payroll at any time during the year.

<sup>4</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

**Table 2. Industry Statistics for Selected States: 2002**

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
		Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>3</sup>	Hours (1,000)	Wages (\$1,000)				
315992, Glove and mitten manufacturing												
United States.....	2	95	46	3 044	67 046	2 353	4 278	41 797	86 256	196 850	290 512	'2 201
New York.....	2	9	3	160	3 722	122	237	2 109	4 643	9 949	14 775	'79
Wisconsin.....	3	9	3	183	4 313	147	272	2 915	6 676	10 038	17 837	'15

<sup>1</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1—10 to 19 percent; 2—20 to 29 percent; 3—30 to 39 percent; 4—40 to 49 percent; 5—50 to 59 percent; 6—60 to 69 percent; 7—70 to 79 percent; 8—80 to 89 percent; 9—90 percent or more.

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

# Table 3. Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
315992, Glove and mitten manufacturing	
Companies <sup>1</sup> .....	number.. 74
All establishments <sup>2</sup> .....	number.. 95
Establishments with 1 to 19 employees .....	number.. 49
Establishments with 20 to 99 employees .....	number.. 43
Establishments with 100 employees or more .....	number.. 3
All employees <sup>3</sup> .....	number.. 3 044
Total compensation .....	\$1,000.. 79 545
Annual payroll .....	\$1,000.. 67 046
Total fringe benefits .....	\$1,000.. 12 499
Production workers, average for year .....	number.. 2 353
Production workers on March 12 .....	number.. 2 501
Production workers on May 12 .....	number.. 2 391
Production workers on August 12 .....	number.. 2 281
Production workers on November 12 .....	number.. 2 213
Production worker hours .....	1,000.. 4 278
Production worker wages .....	\$1,000.. 41 797
Total cost of materials .....	\$1,000.. 196 850
Materials, parts, containers, packaging, etc., used .....	\$1,000.. 83 972
Resales .....	\$1,000.. D
Purchased fuels .....	\$1,000.. D
Purchased electricity .....	\$1,000.. 1 081
Contract work .....	\$1,000.. 2 765
Quantity of electricity purchased for heat and power .....	1,000 kWh.. 16 672
Quantity of electricity generated less sold for heat and power .....	1,000 kWh.. -
Total value of shipments .....	\$1,000.. 290 512
Primary products value of shipments .....	\$1,000.. 150 379
Secondary products value of shipments .....	\$1,000.. 4 108
Total miscellaneous receipts .....	\$1,000.. 136 025
Value of resales .....	\$1,000.. D
Contract receipts .....	\$1,000.. D
Other miscellaneous receipts .....	\$1,000.. D
Primary products specialization ratio .....	percent.. 97
Value of primary products shipments made in all industries .....	\$1,000.. 154 727
Value of primary products shipments made in this industry .....	\$1,000.. 150 379
Value of primary products shipments made in other industries .....	\$1,000.. 4 348
Coverage ratio .....	percent.. 97
Value added .....	\$1,000.. 86 256
Total inventories, beginning of year .....	\$1,000.. 68 686
Finished goods inventories .....	\$1,000.. 53 645
Work-in-process inventories .....	\$1,000.. 4 630
Materials and supplies inventories .....	\$1,000.. 10 411
Total inventories, end of year .....	\$1,000.. 60 697
Finished goods inventories .....	\$1,000.. 47 064
Work-in-process inventories .....	\$1,000.. 3 805
Materials and supplies inventories .....	\$1,000.. 9 828
Gross value of depreciable assets (acquisition costs) at beginning of year .....	\$1,000.. 48 490
Total capital expenditures (new and used) .....	\$1,000.. '2 201
Buildings and other structures (new and used) .....	\$1,000.. '258
Machinery and equipment (new and used) .....	\$1,000.. '1 943
Automobiles, trucks, etc., for highway use .....	\$1,000.. '192
Computers and peripheral data processing equipment .....	\$1,000.. '154
All other expenditures for machinery and equipment .....	\$1,000.. '1 597
Total retirements .....	\$1,000.. '3 359
Gross value of depreciable assets at end of year .....	\$1,000.. '47 332
Depreciation charges during year .....	\$1,000.. '3 171
Total rental payments .....	\$1,000.. 5 247
Buildings and other structures .....	\$1,000.. 1 653
Machinery and equipment .....	\$1,000.. 3 594
Total other expenses <sup>4</sup> .....	\$1,000.. 19 329
Response coverage ratio <sup>5</sup> .....	percent.. 82
Repair and maintenance services of buildings and/or machinery <sup>4</sup> .....	\$1,000.. 1 465
Communications services <sup>4</sup> .....	\$1,000.. 1 032
Legal services <sup>4</sup> .....	\$1,000.. D
Accounting, auditing, and bookkeeping services <sup>4</sup> .....	\$1,000.. 1 777
Advertising and promotional services <sup>4</sup> .....	\$1,000.. 283
Expensed computer hardware and supplies and purchased computer services <sup>4</sup> .....	\$1,000.. 2 849
Refuse removal (including hazardous waste) services <sup>4</sup> .....	\$1,000.. D
Management consulting and administrative services <sup>4</sup> .....	\$1,000.. 1 100
Taxes and license fees <sup>4</sup> .....	\$1,000.. 532
All other expenses <sup>4</sup> .....	\$1,000.. 9 930

<sup>1</sup>For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

<sup>4</sup>Based on Annual Survey of Manufactures (ASM) sample data.

<sup>5</sup>A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

**Table 4. Industry Statistics by Employment Size: 2002**

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class	E <sup>1</sup>	All establishments <sup>2</sup>	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>3</sup>	Hours (1,000)	Wages (\$1,000)				
315992, Glove and mitten manufacturing											
All establishments .....	2	95	3 044	67 046	2 353	4 278	41 797	86 256	196 850	290 512	'2 201
Establishments with—											
1 to 4 employees .....	9	14	33	726	30	53	589	607	1 541	2 159	'5
5 to 9 employees .....	8	12	77	1 673	69	127	1 396	2 293	4 159	6 445	'47
10 to 19 employees .....	5	23	320	6 057	280	482	4 954	7 520	11 154	19 140	'128
20 to 49 employees .....	3	28	921	17 028	791	1 427	12 852	28 647	40 477	70 080	'361
50 to 99 employees .....	3	15	1 041	21 078	817	1 405	14 744	27 453	45 257	74 310	'607
100 to 249 employees .....	3	2	e	D	D	D	D	D	D	D	D
250 to 499 employees .....	—	1	e	D	D	D	D	D	D	D	D
500 to 999 employees .....	—	—	—	—	—	—	—	—	—	—	—
1,000 to 2,499 employees .....	—	—	—	—	—	—	—	—	—	—	—
2,500 employees or more .....	—	—	—	—	—	—	—	—	—	—	—
Administrative records <sup>4</sup> .....	8	25	152	3 311	141	259	2 834	3 711	7 089	10 800	'28

<sup>1</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

<sup>4</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

**Table 5. Industry Statistics by Primary Product Class Specialization: 2002**

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry or product class code	Industry or primary product class	All establishments <sup>1</sup>	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Hours (1,000)	Wages (\$1,000)				
315992	Glove and mitten manufacturing . . . . .	95	3 044	67 046	2 353	4 278	41 797	86 256	196 850	290 512	'2 201
3159921	Gloves and mittens, made from purchased fabrics . . . . .	16	914	15 835	705	1 278	10 671	34 534	49 603	84 888	D
3159923	Gloves and mittens, leather-and-fabric combinations, made from purchased leather and fabrics . . . . .	3	152	2 404	129	229	1 748	6 567	11 703	18 526	D
3159925	Gloves and mittens, all leather, made from purchased leather . . . . .	24	1 052	27 364	700	1 215	12 048	24 184	90 468	120 771	'298

<sup>1</sup>Includes establishments with payroll at any time during the year.

<sup>2</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6a. **Products Statistics: 2002 and 1997**

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
315992	Glove and mitten manufacturing .....	2002.. N 1997.. N	X X	X X	154 727 456 260
3159921	Gloves and mittens, made from purchased fabrics .....	2002.. N 1997.. N	X X	X X	56 119 310 970
31599211	Gloves and mittens, made from purchased fabrics .....	2002.. N 1997.. N	X X	X X	56 119 310 970
3159921100	Gloves and mittens, made from purchased fabrics <sup>1</sup> .....	2002.. 19 1997.. 37	X X	X X	56 119 310 970
3159923	Gloves and mittens, leather-and-fabric combinations, made from purchased leather and fabrics .....	2002.. N 1997.. N	X X	X X	13 317 29 764
31599231	Gloves and mittens, leather-and-fabric combinations, made from purchased leather and fabrics .....	2002.. N 1997.. N	X X	X X	13 317 29 764
3159923100	Gloves and mittens, leather-and-fabric combinations, made from purchased leather and fabrics <sup>2</sup> .....	2002.. 14 1997.. 22	X X	X X	13 317 29 764
3159925	Gloves and mittens, all leather, made from purchased leather .....	2002.. N 1997.. N	X X	X X	44 952 90 291
31599251	Gloves and mittens, all leather, made from purchased leather .....	2002.. N 1997.. N	X X	X X	44 952 90 291
3159925100	Gloves and mittens, all leather, made from purchased leather <sup>3</sup> .....	2002.. 29 1997.. 37	X X	X X	44 952 90 291
315992W	Glove and mitten manufacturing, nsk, total .....	2002.. N 1997.. N	X X	X X	40 339 25 235
315992WY	Glove and mitten manufacturing, nsk, total .....	2002.. N 1997.. N	X X	X X	40 339 25 235
315992WYWW	Glove and mitten manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N 1997.. N	X X	X X	31 655 14 079
315992WYWY	Glove and mitten manufacturing, nsk, for administrative-record establishments .....	2002.. N 1997.. N	X X	X X	8 684 11 156

<sup>1</sup>For additional detail, see Current Industrial Report MA315D, Gloves and Mittens. Also, this product code is primary to more than one industry. See industry 315191, product codes 315191G100, 3159923100, and 3159925100.

<sup>2</sup>For additional detail, see Current Industrial Report MA315D, Gloves and Mittens. Also, this product code is primary to more than one industry. See industry 315191, product codes 315191G100, 3159921100, and 3159925100.

<sup>3</sup>For additional detail, see Current Industrial Report MA315D, Gloves and Mittens. Also, this product code is primary to more than one industry. See industry 315191, product codes 315191G100, 3159921100, and 3159923100.

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.



**Table 6b. Product Class Shipments for Selected States: 2002 and 1997**

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS product class code	Product class and geographic area	Value of product shipments (\$1,000)
3159921	Gloves and mittens, made from purchased fabrics	
	United States ..... 2002 ..	56 119
	..... 1997 ..	310 970
3159923	Gloves and mittens, leather-and-fabric combinations, made from purchased leather and fabrics	
	United States ..... 2002 ..	13 317
	..... 1997 ..	29 764
3159925	Gloves and mittens, all leather, made from purchased leather	
	United States ..... 2002 ..	44 952
	..... 1997 ..	90 291
	New York ..... 2002 ..	3 522
	..... 1997 ..	N
	Wisconsin ..... 2002 ..	4 432
	..... 1997 ..	10 184

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

**Table 7. Materials Consumed by Kind: 2002 and 1997**

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Material code	Material consumed	Quantity	Delivered cost (\$1,000)
315992	Glove and mitten manufacturing		
00900001	Total materials .....2002..	X	83 972
	.....1997..	X	176 852
31321023	Broadwoven fabrics (piece goods) .....2002..	X	20 845
	.....1997..	X	30 061
31324000	Knit fabrics .....2002..	X	6 882
	.....1997..	X	26 994
31311003	Yarn, all fibers .....2002..	X	3 676
	.....1997..	X	17 496
31611013	Leather .....2002..	X	20 713
	.....1997..	X	38 384
00970099	All other materials and components, parts, containers, and supplies .....2002..	X	7 608
	.....1997..	X	38 270
00971000	Materials, ingredients, containers, and supplies, nsk .....2002..	X	24 248
	.....1997..	X	25 647

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.